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Key word index

Abecarnil
Withdrawal seizure prone mouse (WSP); Ethanol withdrawal; Handling-induced convulsions; Diazepam; Anticonvulsant effects; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

Abstinence syndrome
Ethanol; Morphine; Cocaine; Amphetamine; MK-801; SL 82.0715; Microdialysis (Rossetti, Z.L. (221) 227)

Acetylcholine
Trachea (guinea-pig); Histamine; 5-HT (5-hydroxytryptamine, serotonin); Amiloride; Ouabain; K^+-free solution (Cortijo, J. (221) 43)

Neuropeptide Y (NPY); NPY receptor subtypes; Endothelium; Vasoconstriction; Vasodilatation (Grundemar, L. (221) 71)

Epilepsy; 5-HT (5-hydroxytryptamine, serotonin); GABA (γ-aminobutyric acid); Cl^- transport; Brain; (Mouse) (Inoue, M. (221) 135)

Chromaffin cells; Epinephrine; Norepinephrine; Glycine (Yadid, G. (221) 389)

Acetylcholine carrier
Phrenic nerve; K^+-stimulated Ca^{2+}-independent efflux of [^{3}H]acetylcholine; Cholinesterase inhibition; Vesamicol (Wessler, I. (221) 371)

ACTH (adrenocorticotropic hormone)
Cocaine; 5-HT (5-hydroxytryptamine, serotonin); Prolactin; Oxytocin; Renin (Levy, A.D. (221) 121)

ACTH release
5-HT (5-hydroxytryptamine, serotonin); Tricyclic antidepressants; Lithium; Electroconvulsive shock (Gartside, S.E. (221) 27)

Actin filaments
Endothelial cells; Histamine; Histamine H_1 receptors; Peripheral bands; Permeability (Niimi, N. (221) 325)

Adenosine receptors
CGS 21680; CGS 22492; Smooth muscle (vascular); Coronary artery (human); Mammary artery (internal) (Makujina, S.R. (221) 243)

Adrenoceptors
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

α_1-Adrenoceptors
Thoracic aorta; (Single cell) (Satoh, M. (221) 35)

Aorta (rabbit); α_2-Adrenoceptors; BAY k 8644; Ca^{2+} channels (Aleixandre, A. (221) 129)

α_2-Adrenoceptors
Aorta (rabbit); α_1-Adrenoceptors; BAY k 8644; Ca^{2+} channels (Aleixandre, A. (221) 129)

Atipamezole; Guanfacine; Mydriasis; Neocortical high-voltage spindles; (Rat); (Subchronic treatment) (Jäkälä, P. (221) 351)

Aging
D-Cycloserine; Glycine; Memory; NMDA receptors; Senescence; (Mouse) (Flood, J.F. (221) 249)

Airways
Nitric oxide (NO); Neurogenic inflammation; NANC nerves; Plasma exudation; Vagus nerve (Kuo, H.-P. (221) 385)

Amiloride
Trachea (guinea-pig); Acetylcholine; Histamine; 5-HT (5-hydroxytryptamine, serotonin); Ouabain; K^+-free solution (Cortijo, J. (221) 43)

Amino acids
Amitriptyline; Na^+ channels; Dopamine; Veratridine; Striatal slices (Ishii, Y. (221) 377)

4-Aminopyridine
NMDA receptors; Convulsions; Wet-dog shakes (Fragoso-Veloz, J. (221) 275)

Amitriptyline
Na^+ channels; Dopamine; Amino acids; Veratridine; Striatal slices (Ishii, Y. (221) 377)

Amphetamine
Norepinephrine; Desipramine; Dorsal hippocampus; Locus coeruleus (Curet, O. (221) 59)

Ethanol; Morphine; Cocaine; MK-801; SL 82.0715; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

d-Amphetamine
Supersensitivity; Morphine; Opioid receptor regulation; Naltrexone; Analgesia; Upregulation (Duttaroy, A. (221) 211)

Amphetamines
Dopamine; MDMA (3,4-methylenedioxymethamphetamine); Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Neurotoxicity (Elayan, I. (221) 281)

Analgesia
Morphine; Carbachol; Nitric oxide (NO); cGMP (Duarte, I.D.G. (221) 171)

Supersensitivity; Morphine; Opioid receptor regulation; Naltrexone; d-Amphetamine; Upregulation (Duttaroy, A. (221) 211)

Anticonvulsant effects
Withdrawal seizure prone mouse (WSP); Ethanol withdrawal; Handling-induced convulsions; Abecarnil; Diazepam; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

Antiproliferative effect
Curcumin; Mononuclear cells; Smooth muscle cells (Huang, H.-C. (221) 381)

Antipsychotic drugs
Clozapine; 5-HT_{1A} receptors (Mason, S.L. (221) 397)

Antitumour activity
Poly(rG) · Poly(rC); Poly(rI) · Poly(rC); Interferon inducer; Liver colony assay; Survival (Jurásková, V. (221) 107)

Anxiolytics
Tandospirone; Buspirone; Ipsapirone; Azapirones; Chlordiazepoxide; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Aorta (rabbit)
α_1-Adrenoceptors; α_2-Adrenoceptors; BAY k 8644; Ca^{2+} channels (Aleixandre, A. (221) 129)

Aorta (rat)
Endothelium; BAY k 8644 enantiomers; Nifedipine; $^{45}Ca^{2+}$ influx (Gil-Longo, J. (221) 1)

Atipamezole
α_2-Adrenoceptors; Guanfacine; Mydriasis; Neocortical high-voltage spindles; (Rat); (Subchronic treatment) (Jäkälä, P. (221) 351)

Azapirones
Tandospirone; Buspirone; Ipsapirone; Chlordiazepoxide; Anxiolytics; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Baclofen
β-(2-Thienyl)-GABA; Ileum (guinea-pig, isolated); Neocortical slices (rat); 2-Hydroxysaclofen (Ong, J. (221) 145)

Baicalein
Ear edema; Free radical; Lipid peroxidation; α-Tocopherol (Hara, H. (221) 193)

Barbiturates
Glutamate receptors; Kainate; Methohexitone; Epileptiform activity (Palmer, A.J. (221) 205)

Barbiturate sleeping
Dihydroergotoxine; [^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; GABA (γ-aminobutyric acid) shift; Picrotoxin-induced convulsions (Tvrdeić, A. (221) 139)

Baroreceptor reflex
S-Nitrosothiols; Excitatory amino acid; Cardiovascular regulation; EDRF (endothelium-derived relaxing factor); Nitric oxide (NO) (Machado, B.H. (221) 179)

Basilar artery (canine)
Bradykinin; Endothelium (Yen, M.-H. (221) 261)

Basilar artery (rat)
Myograph; 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor classification; Ketanserin; Ergometrine (Deckert, V. (221) 17)

BAY k 8644
Aorta (rabbit); α_1-Adrenoceptors; α_2-Adrenoceptors; Ca^{2+} channels (Aleixandre, A. (221) 129)

BAY k 8644 enantiomers
Aorta (rat); Endothelium; Nifedipine; $^{45}Ca^{2+}$ influx (Gil-Longo, J. (221) 1)

Benzodiazepine receptor agonists (peripheral-type)
Insulin secretion; Benzodiazepines (Petit, P. (221) 359)

Benzodiazepine receptors
Locomotor activity; Exploratory behaviour; Inverse agonists (Jackson, H.C. (221) 199)

Benzodiazepines
Insulin secretion; Benzodiazepine receptor agonists (peripheral-type) (Petit, P. (221) 359)

Bicuculline
GABA (γ-aminobutyric acid); Diazepam; Lithium chloride; Pilocarpine; Seizures (Peterson, C.J. (221) 151)

BQ-123
Endothelin-1; Endothelin receptor subtypes; Regional haemodynamics; Vasodilatation; (Anaesthetized rat) (Douglas, S.A. (221) 315)

Bradykinin
Endothelium; Basilar artery (canine) (Yen, M.-H. (221) 261)

Brain
Epilepsy; 5-HT (5-hydroxytryptamine, serotonin); GABA (γ-aminobutyric acid); Acetylcholine; Cl^- transport; (Mouse) (Inoue, M. (221) 135)

Buspirone
Tandospirone; Ipsapirone; Azapirones; Chlordiazepoxide; Anxiolytics; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Ca^{2+}
Endothelin; Endothelin receptor antagonists; Ischemic acute renal failure; (Rat) (Mino, N. (221) 77)

Ca^{2+} channels
Smooth muscle (uterus); Ca^{2+} levels (cytosolic); Endothelins; (Rat) (Sakata, K. (221) 9)

Aorta (rabbit); α_1-Adrenoceptors; α_2-Adrenoceptors; BAY k 8644 (Aleixandre, A. (221) 129)

Ca^{2+} (cytosolic)
Tetronothiodin; CCK_B receptor antagonists; GH3 cells; Fura-2; [^{125}I]CCK-8 binding (Kuwahara, T. (221) 99)

CA1 field potential
Catecholamines; Hypoxia/hypoglycemia; 2-Deoxyglucose; Ischemia; Hippocampus; (In vitro) (Shibata, S. (221) 255)

CA1 field potentials
Hypoxia/hypoglycemia; Cholinergic drugs; 2-Deoxyglucose uptake; Hippocampus; (In vitro) (Shibata, S. (221) 113)

$^{45}Ca^{2+}$ influx
Aorta (rat); Endothelium; BAY k 8644 enantiomers; Nifedipine (Gil-Longo, J. (221) 1)

Ca^{2+} levels (cytosolic)
Smooth muscle (uterus); Ca^{2+} channels; Endothelins; (Rat) (Sakata, K. (221) 9)

Capsazepine
CGRP (calcitonin gene-related peptide); Cardiac nerves (Franco-Cereceda, A. (221) 183)

Carbachol
Morphine; Analgesia; Nitric oxide (NO); cGMP (Duarte, I.D.G. (221) 171)

β-Carbolines
Withdrawal seizure prone mouse (WSP); Ethanol withdrawal; Handling-induced convulsions; Abecarnil; Diazepam; Anticonvulsant effects; (Genetic animal model) (Crabbe, J.C. (221) 85)

Cardiac nerves
CGRP (calcitonin gene-related peptide); Capsazepine (Franco-Cereceda, A. (221) 183)

Cardiovascular regulation
S-Nitrosothiols; Excitatory amino acid; Baroreceptor reflex; EDRF (endothelium-derived relaxing factor); Nitric oxide (NO) (Machado, B.H. (221) 179)

Catecholamines
Hypoxia/hypoglycemia; 2-Deoxyglucose; Ischemia; CA1 field potential; Hippocampus; (In vitro) (Shibata, S. (221) 255)

[^{125}I]CCK-8 binding
Tetronothiodin; CCK_B receptor antagonists; GH3 cells; Ca^{2+} (cytosolic); Fura-2 (Kuwahara, T. (221) 99)

CCK_B receptor antagonists
Tetronothiodin; GH3 cells; Ca^{2+} (cytosolic); Fura-2; [^{125}I]CCK-8 binding (Kuwahara, T. (221) 99)

CGRP (calcitonin gene-related peptide)
Capsazepine; Cardiac nerves (Franco-Cereceda, A. (221) 183)

CGS 21680
Adenosine receptors; CGS 22492; Smooth muscle (vascular); Coronary artery (human); Mammary artery (internal) (Makujina, S.R. (221) 243)

CGS 22492
Adenosine receptors; CGS 21680; Smooth muscle (vascular); Coronary artery (human); Mammary artery (internal) (Makujina, S.R. (221) 243)

Chlordiazepoxide
Tandospirone; Buspirone; Ipsapirone; Azapirones; Anxiolytics; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Cholecystokinin (CCK)
Morphine; EEG power spectra (Hudson, G.M. (221) 217)

Cholinergic drugs
Hypoxia/hypoglycemia; 2-Deoxyglucose uptake; Hippocampus; CA1 field potentials; (In vitro) (Shibata, S. (221) 113)

Cholinergic neurotransmission
Gastric fundus (rat); VIP (vasoactive intestinal polypeptide); Nitric oxide (NO) (Lefebvre, R.A. (221) 235)

Cholinesterase inhibition
Phrenic nerve; K^+-stimulated Ca^{2+}-independent efflux of [^{3}H]acetylcholine; Vesamicol; Acetylcholine carrier (Wessler, I. (221) 371)

Chromaffin cells
Epinephrine; Norepinephrine; Acetylcholine; Glycine (Yadid, G. (221) 389)

Cisplatin
5-HT receptors; $5\text{-}HT_3$ receptor antagonists; $5\text{-}HT_3$ receptor agonists; Emesis; (Pigeon) (Preziosi, P. (221) 343)

Cl^- channels
Vagus nerve; Nedocromil sodium; DIDS (4,4′-diisothiocyanostilbene-2,2′-disulphonic acid) (Jackson, D.M. (221) 175)

Clozapine
$5\text{-}HT_{1A}$ receptors; Antipsychotic drugs (Mason, S.L. (221) 397)

Cl^- transport
Epilepsy; 5-HT (5-hydroxytryptamine, serotonin); GABA (γ-aminobutyric acid); Acetylcholine; Brain; (Mouse) (Inoue, M. (221) 135)

Cocaine
5-HT (5-hydroxytryptamine, serotonin); ACTH (adrenocorticotropic hormone); Prolactin; Oxytocin; Renin (Levy, A.D. (221) 121)

Ethanol; Morphine; Amphetamine; MK-801; SL 82.0715; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Colonic motility
Na^+ pump; Na^+/K^+ pump; Membrane potential; Smooth muscle (Barajas-López, C. (221) 51)

Conflict
Tandospirone; Buspirone; Ipsapirone; Azapirones; Chlordiazepoxide; Anxiolytics; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Convulsions
4-Aminopyridine; NMDA receptors; Wet-dog shakes (Fragoso-Veloz, J. (221) 275)

Cork gnawing
Tandospirone; Buspirone; Ipsapirone; Azapirones; Chlordiazepoxide; Anxiolytics; Conflict; Punishment; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Coronary artery (human)
Adenosine receptors; CGS 21680; CGS 22492; Smooth muscle (vascular); Mammary artery (internal) (Makujina, S.R. (221) 243)

Curcumin
Antiproliferative effect; Mononuclear cells; Smooth muscle cells (Huang, H.-C. (221) 381)

Cutaneous anaphylaxis (passive)
Cysteinyl-leukotriene; Cysteinyl-leukotriene receptor antagonists; (Rat); (Mouse) (Miura, T. (221) 333)

D-Cycloserine
Aging; Glycine; Memory; NMDA receptors; Senescence; (Mouse) (Flood, J.F. (221) 249)

Cysteinyl-leukotriene
Cysteinyl-leukotriene receptor antagonists; Cutaneous anaphylaxis (passive); (Rat); (Mouse) (Miura, T. (221) 333)

Cysteinyl-leukotriene receptor antagonists
Cysteinyl-leukotriene; Cutaneous anaphylaxis (passive); (Rat); (Mouse) (Miura, T. (221) 333)

D-amphetamine
Naloxone infusion (continuous); Locomotor activity; Opioids; Dopamine (Rat) (Jones, D.N.C. (221) 161)

2-Deoxyglucose
Catecholamines; Hypoxia/hypoglycemia; Ischemia; CA1 field potential; Hippocampus; (In vitro) (Shibata, S. (221) 255)

2-Deoxyglucose uptake
Hypoxia/hypoglycemia; Cholinergic drugs; Hippocampus; CA1 field potentials; (In vitro) (Shibata, S. (221) 113)

Desipramine
Norepinephrine; Amphetamine; Dorsal hippocampus; Locus coeruleus (Curet, O. (221) 59)

Diazepam
Withdrawal seizure prone mouse (WSP); Ethanol withdrawal; Handling-induced convulsions; Abecarnil; Anticonvulsant effects; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

GABA (γ-aminobutyric acid); Bicuculline; Lithium chloride; Pilocarpine; Seizures (Peterson, C.J. (221) 151)

DIDS (4,4′-diisothiocyanostilbene-2,2′-disulphonic acid)
Vagus nerve; Nedocromil sodium; Cl^- channels (Jackson, D.M. (221) 175)

Dihydroergotoxine
[^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; GABA (γ-aminobutyric acid) shift; Barbiturate sleeping; Picrotoxin-induced convulsions (Tvrdeić, A. (221) 139)

Dopamine
Amphetamines; MDMA (3,4-methylenedioxymethamphetamine); Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Neurotoxicity (Elayan, I. (221) 281)

Amitriptyline; Na^+ channels; Amino acids; Veratridine; Striatal slices (Ishii, Y. (221) 377)

Dopamine neurons
Ethanol; Withdrawal syndrome (Diana, M. (221) 403)

Dopamine (Rat)
Naloxone infusion (continuous); D-amphetamine; Locomotor activity; Opioids (Jones, D.N.C. (221) 161)

Doppler shift technique
Kidney (isolated, perfused); Renal vascular resistance; Metalloproteases; Phosphoramidon; (Rat) (Salvati, P. (221) 267)

Dorsal hippocampus
Norepinephrine; Desipramine; Amphetamine; Locus coeruleus (Curet, O. (221) 59)

Dynorphin A-(1–13)
Opiate withdrawal; Opiate tolerance; Morphine (Takemori, A.E. (221) 223)

Ear edema
Baicalein; Free radical; Lipid peroxidation; α-Tocopherol (Hara, H. (221) 193)

EDRF (endothelium-derived relaxing factor)
S-Nitrosothiols; Excitatory amino acid; Baroreceptor reflex; Cardiovascular regulation; Nitric oxide (NO) (Machado, B.H. (221) 179)

EEG power spectra
Cholecystokinin (CCK); Morphine (Hudson, G.M. (221) 217)

Electroconvulsive shock
5-HT (5-hydroxytryptamine, serotonin); ACTH release; Tricyclic antidepressants; Lithium (Gartside, S.E. (221) 27)

Emesis
Vagus nerve; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptors; (Ferret) (Newberry, N.R. (221) 157)

5-HT receptors; 5-HT_3 receptor antagonists; 5-HT_3 receptor agonists; Cisplatin; (Pigeon) (Preziosi, P. (221) 343)

Endothelial cells
Histamine; Histamine H_1 receptors; Actin filaments; Peripheral bands; Permeability (Niimi, N. (221) 325)

Endothelin
Endothelin receptor antagonists; Ischemic acute renal failure; Ca^{2+}; (Rat) (Mino, N. (221) 77)

Endothelin-1
BQ-123; Endothelin receptor subtypes; Regional haemodynamics; Vasodilatation; (Anaesthetized rat) (Douglas, S.A. (221) 315)

Endothelin receptor antagonists
Endothelin; Ischemic acute renal failure; Ca^{2+}; (Rat) (Mino, N. (221) 77)

Endothelin receptor subtypes
Endothelin-1; BQ-123; Regional haemodynamics; Vasodilatation; (Anaesthetized rat) (Douglas, S.A. (221) 315)

Endothelins
Smooth muscle (uterus); Ca^{2+} levels (cytosolic); Ca^{2+} channels; (Rat) (Sakata, K. (221) 9)

Endothelium
Aorta (rat); BAY k 8644 enantiomers; Nifedipine; $^{45}Ca^{2+}$ influx (Gil-Longo, J. (221) 1)

Neuropeptide Y (NPY); NPY receptor subtypes; Acetylcholine; Vasoconstriction; Vasodilatation (Grundemar, L. (221) 71)

Bradykinin; Basilar artery (canine) (Yen, M.-H. (221) 261)

Epilepsy
5-HT (5-hydroxytryptamine, serotonin); GABA (γ-aminobutyric acid); Acetylcholine; Cl^- transport; Brain; (Mouse) (Inoue, M. (221) 135)

Epileptiform activity
Glutamate receptors; Kainate; Barbiturates; Methohexitone (Palmer, A.J. (221) 205)

Epinephrine
Glucose; Memory; Propranolol; Phenoxybenzamine; Footshock (Hall, J.L. (221) 365)

Chromaffin cells; Norepinephrine; Acetylcholine; Glycine (Yadid, G. (221) 389)

Ergometrine
Basilar artery (rat); Myograph; 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor classification; Ketanserin (Deckert, V. (221) 17)

Ethanol
Morphine; Cocaine; Amphetamine; MK-801; SL 82.0715; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Dopamine neurons; Withdrawal syndrome (Diana, M. (221) 403)

Ethanol withdrawal
Withdrawal seizure prone mouse (WSP); Handling-induced convulsions; Abecarnil; Diazepam; Anticonvulsant effects; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

Excitatory amino acid
S-Nitrosothiols; Baroreceptor reflex; Cardiovascular regulation; EDRF (endothelium-derived relaxing factor); Nitric oxide (NO) (Machado, B.H. (221) 179)

Exploratory behaviour
Benzodiazepine receptors; Locomotor activity; Inverse agonists (Jackson, H.C. (221) 199)

Femoral artery (simian)
Vasopressin V_1 receptors; Vasopressin V_2 receptors; (Cannula insertion method) (Chiba, S. (221) 393)

Footshock
Epinephrine; Glucose; Memory; Propranolol; Phenoxybenzamine (Hall, J.L. (221) 365)

Free radical
Baicalein; Ear edema; Lipid peroxidation; α-Tocopherol (Hara, H. (221) 193)

Fura-2
Tetronothiodin; CCK_B receptor antagonists; GH3 cells; Ca^{2+} (cytosolic); [^{125}I]CCK-8 binding (Kuwahara, T. (221) 99)

GABA (γ-aminobutyric acid)
Epilepsy; 5-HT (5-hydroxytryptamine, serotonin); Acetylcholine; Cl^- transport; Brain; (Mouse) (Inoue, M. (221) 135)

Bicuculline; Diazepam; Lithium chloride; Pilocarpine; Seizures (Peterson, C.J. (221) 151)

GABA (γ-aminobutyric acid) shift
Dihydroergotoxine; [^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; Barbiturate sleeping; Picrotoxin-induced convulsions (Tvrdeić, A. (221) 139)

Gastric fundus (rat)
VIP (vasoactive intestinal polypeptide); Nitric oxide (NO); Cholinergic neurotransmission (Lefebvre, R.A. (221) 235)

GH3 cells
Tetronothiodin; CCK_B receptor antagonists; Ca^{2+} (cytosolic); Fura-2; [^{125}I]CCK-8 binding (Kuwahara, T. (221) 99)

Glucose
Epinephrine; Memory; Propranolol; Phenoxybenzamine; Footshock (Hall, J.L. (221) 365)

Glutamate receptors
Kainate; Barbiturates; Methohexitone; Epileptiform activity (Palmer, A.J. (221) 205)

Glycine
Aging; D-Cycloserine; Memory; NMDA receptors; Senescence; (Mouse) (Flood, J.F. (221) 249)

Chromaffin cells; Epinephrine; Norepinephrine; Acetylcholine (Yadid, G. (221) 389)

cGMP
Morphine; Carbachol; Analgesia; Nitric oxide (NO) (Duarte, I.D.G. (221) 171)

Gonadotrophin
Inhibin; Oestradiol-17β; Indomethacin; Prostaglandin $F_{2\alpha}$; PMSG-primed immature rat; Ovary (Kogo, H. (221) 289)

Guanfacine
α_2-Adrenoceptors; Atipamezole; Mydriasis; Neocortical high-voltage spindles; (Rat); (Subchronic treatment) (Jäkälä, P. (221) 351)

Handling-induced convulsions
Withdrawal seizure prone mouse (WSP); Ethanol withdrawal; Abecarnil; Diazepam; Anticonvulsant effects; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

Hippocampal pyramidal cells
Metabotropic glutamate receptors; 1S,3R-trans-ACPD (Gerber, U. (221) 401)

Hippocampus
Hypoxia/hypoglycemia; Cholinergic drugs; 2-Deoxyglucose uptake; CA1 field potentials; (In vitro) (Shibata, S. (221) 113)

Catecholamines; Hypoxia/hypoglycemia; 2-Deoxyglucose; Ischemia; CA1 field potential; (In vitro) (Shibata, S. (221) 255)

Histamine
Trachea (guinea-pig); Acetylcholine; 5-HT (5-hydroxytryptamine, serotonin); Amiloride; Ouabain; K^+-free solution (Cortijo, J. (221) 43)

Endothelial cells; Histamine H_1 receptors; Actin filaments; Peripheral bands; Permeability (Niimi, N. (221) 325)

Histamine receptor agonists (H_1- and H_2-selective)
Histamine receptor subtypes; Impromidine; Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Adrenoceptors; Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

Histamine H_1 receptors
Endothelial cells; Histamine; Actin filaments; Peripheral bands; Permeability (Niimi, N. (221) 325)

Histamine receptor subtypes
Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Adrenoceptors; Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

5-HT (5-hydroxytryptamine, serotonin)
Basilar artery (rat); Myograph; 5-HT receptor classification; Ketanserin; Ergometrine (Deckert, V. (221) 17)

ACTH release; Tricyclic antidepressants; Lithium; Electroconvulsive shock (Gartside, S.E. (221) 27)

Trachea (guinea-pig); Acetylcholine; Histamine; Amiloride; Ouabain; K^+-free solution (Cortijo, J. (221) 43)

Cocaine; ACTH (adrenocorticotropic hormone); Prolactin; Oxytocin; Renin (Levy, A.D. (221) 121)

Epilepsy; GABA (γ-aminobutyric acid); Acetylcholine; Cl^- transport; Brain; (Mouse) (Inoue, M. (221) 135)

Vagus nerve; 5-HT_3 receptors; Emesis; (Ferret) (Newberry, N.R. (221) 157)

Placental vein (human); Na^+,K^+-ATPase, $^{86}Rb^+$ uptake (Fernández-Alfonso, M.S. (221) 185)

Amphetamines; Dopamine; MDMA (3,4-methylenedioxymethamphetamine); Norepinephrine; Neurotoxicity (Elayan, I. (221) 281)

5-HT_3 receptor agonists
5-HT receptors; 5-HT_3 receptor antagonists; Cisplatin; Emesis; (Pigeon) (Preziosi, P. (221) 343)

5-HT_3 receptor antagonists
5-HT receptors; 5-HT_3 receptor agonists; Cisplatin; Emesis; (Pigeon) (Preziosi, P. (221) 343)

5-HT receptor classification
Basilar artery (rat); Myograph; 5-HT (5-hydroxytryptamine, serotonin); Ketanserin; Ergometrine (Deckert, V. (221) 17)

5-HT receptors
5-HT_3 receptor antagonists; 5-HT_3 receptor agonists; Cisplatin; Emesis; (Pigeon) (Preziosi, P. (221) 343)

5-HT_{1A} receptors
Clozapine; Antipsychotic drugs (Mason, S.L. (221) 397)

5-HT_3 receptors
Vagus nerve; 5-HT (5-hydroxytryptamine, serotonin); Emesis; (Ferret) (Newberry, N.R. (221) 157)

2-Hydroxysaclofen
β-(2-Thienyl)-GABA; Baclofen; Ileum (guinea-pig, isolated); Neocortical slices (rat) (Ong, J. (221) 145)

Hypoxia/hypoglycemia
Cholinergic drugs; 2-Deoxyglucose uptake; Hippocampus; CA1 field potentials; (In vitro) (Shibata, S. (221) 113)

Catecholamines; 2-Deoxyglucose; Ischemia; CA1 field potential; Hippocampus; (In vitro) (Shibata, S. (221) 255)

Ileum (guinea-pig, isolated)
β-(2-Thienyl)-GABA; Baclofen; Neocortical slices (rat); 2-Hydroxysaclofen (Ong, J. (221) 145)

Impromidine
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Adrenoceptors; Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

Indomethacin
Inhibin; Oestradiol-17β; Gonadotrophin; Prostaglandin $F_{2\alpha}$; PMSG-primed immature rat; Ovary (Kogo, H. (221) 289)

Inhibin
Oestradiol-17β; Indomethacin; Gonadotrophin; Prostaglandin $F_{2\alpha}$; PMSG-primed immature rat; Ovary (Kogo, H. (221) 289)

Insulin secretion
Benzodiazepines; Benzodiazepine receptor agonists (peripheral-type) (Petit, P. (221) 359)

Interferon inducer
Poly(rG)·Poly(rC); Poly(rI)·Poly(rC); Antitumour activity; Liver colony assay; Survival (Jurásková, V. (221) 107)

Inverse agonists
Benzodiazepine receptors; Locomotor activity; Exploratory behaviour (Jackson, H.C. (221) 199)

Ipsapirone
Tandospirone; Buspirone; Azapirones; Chlordiazepoxide; Anxiolytics; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Ischemia
Catecholamines; Hypoxia/hypoglycemia; 2-Deoxyglucose; CA1 field potential; Hippocampus; (In vitro) (Shibata, S. (221) 255)

Ischemic acute renal failure
Endothelin; Endothelin receptor antagonists; Ca^{2+}; (Rat) (Mino, N. (221) 77)

Kainate
Glutamate receptors; Barbiturates; Methohexitone; Epileptiform activity (Palmer, A.J. (221) 205)

Ketanserin
Basilar artery (rat); Myograph; 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor classification; Ergometrine (Deckert, V. (221) 17)

K^+-free solution
Trachea (guinea-pig); Acetylcholine; Histamine; 5-HT (5-hydroxytryptamine, serotonin); Amiloride; Ouabain (Cortijo, J. (221) 43)

Kidney (isolated, perfused)
Doppler shift technique; Renal vascular resistance; Metalloproteases; Phosphoramidon; (Rat) (Salvati, P. (221) 267)

K^+-stimulated Ca^{2+}-independent efflux of [^{3}H]acetylcholine
Phrenic nerve; Cholinesterase inhibition; Vesamicol; Acetylcholine carrier (Wessler, I. (221) 371)

Lipid peroxidation
Baicalein; Ear edema; Free radical; α-Tocopherol (Hara, H. (221) 193)

Lithium
5-HT (5-hydroxytryptamine, serotonin); ACTH release; Tricyclic antidepressants; Electroconvulsive shock (Gartside, S.E. (221) 27)

Lithium chloride
GABA (γ-aminobutyric acid); Bicuculline; Diazepam; Pilocarpine; Seizures (Peterson, C.J. (221) 151)

Liver colony assay
Poly(rG)·Poly(rC); Poly(rI)·Poly(rC); Interferon inducer; Antitumour activity; Survival (Jurásková, V. (221) 107)

Locomotor activity
Naloxone infusion (continuous); D-amphetamine; Opioids; Dopamine (Rat) (Jones, D.N.C. (221) 161)

Benzodiazepine receptors; Exploratory behaviour; Inverse agonists (Jackson, H.C. (221) 199)

Locus coeruleus
Norepinephrine; Desipramine; Amphetamine; Dorsal hippocampus (Curet, O. (221) 59)

Mammary artery (internal)
Adenosine receptors; CGS 21680; CGS 22492; Smooth muscle (vascular); Coronary artery (human) (Makujina, S.R. (221) 243)

MDMA (3,4-methylenedioxymethamphetamine)
Amphetamines; Dopamine; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Neurotoxicity (Elayan, I. (221) 281)

Membrane potential
Na^+ pump; Na^+/K^+ pump; Colonic motility; Smooth muscle (Barajas-López, C. (221) 51)

Memory
Aging; D-Cycloserine; Glycine; NMDA receptors; Senescence; (Mouse) (Flood, J.F. (221) 249)

Epinephrine; Glucose; Propranolol; Phenoxybenzamine; Footshock (Hall, J.L. (221) 365)

Metabotropic glutamate receptors
1S,3R-trans-ACPD; Hippocampal pyramidal cells (Gerber, U. (221) 401)

Metalloproteases
Doppler shift technique; Kidney (isolated, perfused); Renal vascular resistance; Phosphoramidon; (Rat) (Salvati, P. (221) 267)

Methohexitone
Glutamate receptors; Kainate; Barbiturates; Epileptiform activity (Palmer, A.J. (221) 205)

Methysergide
Micturition; Phentolamine; Prazosin; (Cat) (Espey, M.J. (221) 167)

Microdialysis
Ethanol; Morphine; Cocaine; Amphetamine; MK-801; SL 82.0715; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Micturition
Methysergide; Phentolamine; Prazosin; (Cat) (Espey, M.J. (221) 167)

MK-801
Ethanol; Morphine; Cocaine; Amphetamine; SL 82.0715; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Mononuclear cells
Curcumin; Antiproliferative effect; Smooth muscle cells (Huang, H.-C. (221) 381)

Morphine
Carbachol; Analgesia; Nitric oxide (NO); cGMP (Duarte, I.D.G. (221) 171)

Supersensitivity; Opioid receptor regulation; Naltrexone; d-Amphetamine; Analgesia; Upregulation (Duttaroy, A. (221) 211)

Cholecystokinin (CCK); EEG power spectra (Hudson, G.M. (221) 217)

Dynorphin A-(1–13); Opiate withdrawal; Opiate tolerance (Takemori, A.E. (221) 223)

Ethanol; Cocaine; Amphetamine; MK-801; SL 82.0715; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Mydriasis
α_2-Adrenoceptors; Atipamezole; Guanfacine; Neocortical high-voltage spindles; (Rat); (Subchronic treatment) (Jäkälä, P. (221) 351)

Myograph
Basilar artery (rat); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor classification; Ketanserin; Ergometrine (Deckert, V. (221) 17)

D-Myo-inositol-1,2,6-trisphosphate
Neuropeptide Y; Vagal stimulation; (Sympathetic) (Potter, E.K. (221) 307)

Na^+ channels
Amitriptyline; Dopamine; Amino acids; Veratridine; Striatal slices (Ishii, Y. (221) 377)

Na^+,K^+-ATPase, $^{86}Rb^+$ uptake
Placental vein (human); 5-HT (5-hydroxytryptamine, serotonin) (Fernández-Alfonso, M.S. (221) 185)

Na^+/K^+ pump
Na^+ pump; Colonic motility; Membrane potential; Smooth muscle (Barajas-López, C. (221) 51)

Naloxone infusion (continuous)
D-amphetamine; Locomotor activity; Opioids; Dopamine (Rat) (Jones, D.N.C. (221) 161)

Naltrexone
Supersensitivity; Morphine; Opioid receptor regulation; d-Amphetamine; Analgesia; Upregulation (Duttaroy, A. (221) 211)

NANC nerves
Nitric oxide (NO); Neurogenic inflammation; Plasma exudation; Vagus nerve; Airways (Kuo, H.-P. (221) 385)

Na^+ pump
Na^+/K^+ pump; Colonic motility; Membrane potential; Smooth muscle (Barajas-López, C. (221) 51)

Nedocromil sodium
Vagus nerve; Cl^- channels; DIDS (4,4′-diisothiocyanostilbene-2,2′-disulphonic acid) (Jackson, D.M. (221) 175)

Neocortical high-voltage spindles
α_2-Adrenoceptors; Atipamezole; Guanfacine; Mydriasis; (Rat); (Subchronic treatment) (Jäkälä, P. (221) 351)

Neocortical slices (rat)
β-(2-Thienyl)-GABA; Baclofen; Ileum (guinea-pig, isolated); 2-Hydroxysaclofen (Ong, J. (221) 145)

Neurogenic inflammation
Nitric oxide (NO); NANC nerves; Plasma exudation; Vagus nerve; Airways (Kuo, H.-P. (221) 385)

Neuropeptide Y
Vagal stimulation; D-Myo-inositol-1,2,6-trisphosphate; (Sympathetic) (Potter, E.K. (221) 307)

Neuropeptide Y (NPY)
NPY receptor subtypes; Acetylcholine; Endothelium; Vasoconstriction; Vasodilatation (Grundemar, L. (221) 71)

Neurotoxicity
Amphetamines; Dopamine; MDMA (3,4-methylenedioxymethamphetamine); Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin) (Elayan, I. (221) 281)

Nifedipine
Aorta (rat); Endothelium; BAY k 8644 enantiomers; $^{45}Ca^{2+}$ influx (Gil-Longo, J. (221) 1)

Nitric oxide (NO)
Morphine; Carbachol; Analgesia; cGMP (Duarte, I.D.G. (221) 171)

S-Nitrosothiols; Excitatory amino acid; Baroreceptor reflex; Cardiovascular regulation; EDRF (endothelium-derived relaxing factor) (Machado, B.H. (221) 179)

Gastric fundus (rat); VIP (vasoactive intestinal polypeptide); Cholinergic neurotransmission (Lefebvre, R.A. (221) 235)

Neurogenic inflammation; NANC nerves; Plasma exudation; Vagus nerve; Airways (Kuo, H.-P. (221) 385)

NMDA receptor antagonists; NO synthase (Kolesnikov, Y.A. (221) 399)

S-Nitrosothiols
Excitatory amino acid; Baroreceptor reflex; Cardiovascular regulation; EDRF (endothelium-derived relaxing factor); Nitric oxide (NO) (Machado, B.H. (221) 179)

NMDA receptor antagonists
Nitric oxide (NO); NO synthase (Kolesnikov, Y.A. (221) 399)

NMDA receptors
Aging; D-Cycloserine; Glycine; Memory; Senescence; (Mouse) (Flood, J.F. (221) 249)

4-Aminopyridine; Convulsions; Wet-dog shakes (Fragoso-Veloz, J. (221) 275)

Norepinephrine
Desipramine; Amphetamine; Dorsal hippocampus; Locus coeruleus (Curet, O. (221) 59)

Amphetamines; Dopamine; MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); Neurotoxicity (Elayan, I. (221) 281)

Chromaffin cells; Epinephrine; Acetylcholine; Glycine (Yadid, G. (221) 389)

NO synthase
NMDA receptor antagonists; Nitric oxide (NO) (Kolesnikov, Y.A. (221) 399)

NPY receptor subtypes
Neuropeptide Y (NPY); Acetylcholine; Endothelium; Vasoconstriction; Vasodilatation (Grundemar, L. (221) 71)

Oestradiol-17β
Inhibin; Indomethacin; Gonadotrophin; Prostaglandin $F_{2\alpha}$; PMSG-primed immature rat; Ovary (Kogo, H. (221) 289)

Opiate tolerance
Dynorphin A-(1–13); Opiate withdrawal; Morphine (Takemori, A.E. (221) 223)

Opiate withdrawal
Dynorphin A-(1–13); Opiate tolerance; Morphine (Takemori, A.E. (221) 223)

Opioid receptor regulation
Supersensitivity; Morphine; Naltrexone; d-Amphetamine; Analgesia; Upregulation (Duttaroy, A. (221) 211)

Opioids
Naloxone infusion (continuous); D-amphetamine; Locomotor activity; Dopamine (Rat) (Jones, D.N.C. (221) 161)

Ouabain
Trachea (guinea-pig); Acetylcholine; Histamine; 5-HT (5-hydroxytryptamine, serotonin); Amiloride; K^+-free solution (Cortijo, J. (221) 43)

Ovary
Inhibin; Oestradiol-17β; Indomethacin; Gonadotrophin; Prostaglandin $F_{2\alpha}$; PMSG-primed immature rat (Kogo, H. (221) 289)

Oxytocin
Cocaine; 5-HT (5-hydroxytryptamine, serotonin); ACTH (adrenocorticotropic hormone); Prolactin; Renin (Levy, A.D. (221) 121)

Peripheral bands
Endothelial cells; Histamine; Histamine H_1 receptors; Actin filaments; Permeability (Niimi, N. (221) 325)

Permeability
Endothelial cells; Histamine; Histamine H_1 receptors; Actin filaments; Peripheral bands (Niimi, N. (221) 325)

Phenoxybenzamine
Epinephrine; Glucose; Memory; Propranolol; Footshock (Hall, J.L. (221) 365)

Phentolamine
Micturition; Methysergide; Prazosin; (Cat) (Espey, M.J. (221) 167)

Phosphoramidon
Doppler shift technique; Kidney (isolated, perfused); Renal vascular resistance; Metalloproteases; (Rat) (Salvati, P. (221) 267)

Phrenic nerve
K^+-stimulated Ca^{2+}-independent efflux of [^{3}H]acetylcholine; Cholinesterase inhibition; Vesamicol; Acetylcholine carrier (Wessler, I. (221) 371)

Picrotoxin-induced convulsions
Dihydroergotoxine; [^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; GABA (γ-aminobutyric acid) shift; Barbiturate sleeping (Tvrdeić, A. (221) 139)

Pilocarpine
GABA (γ-aminobutyric acid); Bicuculline; Diazepam; Lithium chloride; Seizures (Peterson, C.J. (221) 151)

Placental vein (human)
5-HT (5-hydroxytryptamine, serotonin); Na^+,K^+-ATPase, $^{86}Rb^+$ uptake (Fernández-Alfonso, M.S. (221) 185)

Plasma exudation
Nitric oxide (NO); Neurogenic inflammation; NANC nerves; Vagus nerve; Airways (Kuo, H.-P. (221) 385)

PMSG-primed immature rat
Inhibin; Oestradiol-17β; Indomethacin; Gonadotrophin; Prostaglandin $F_{2\alpha}$; Ovary (Kogo, H. (221) 289)

Poly(rG)·Poly(rC)
Poly(rI)·Poly(rC); Interferon inducer; Antitumour activity; Liver colony assay; Survival (Jurásková, V. (221) 107)

Poly(rI)·Poly(rC)
Poly(rG)·Poly(rC); Interferon inducer; Antitumour activity; Liver colony assay; Survival (Jurásková, V. (221) 107)

Prazosin
Micturition; Methysergide; Phentolamine; (Cat) (Espey, M.J. (221) 167)

Prolactin
Cocaine; 5-HT (5-hydroxytryptamine, serotonin); ACTH (adrenocorticotropic hormone); Oxytocin; Renin (Levy, A.D. (221) 121)

Propranolol
Epinephrine; Glucose; Memory; Phenoxybenzamine; Footshock (Hall, J.L. (221) 365)

Prostaglandin $F_{2\alpha}$
Inhibin; Oestradiol-17β; Indomethacin; Gonadotrophin; PMSG-primed immature rat; Ovary (Kogo, H. (221) 289)

Punishment
Tandospirone; Buspirone; Ipsapirone; Azapirones; Chlordiazepoxide; Anxiolytics; Conflict; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

Regional haemodynamics
Endothelin-1; BQ-123; Endothelin receptor subtypes; Vasodilatation; (Anaesthetized rat) (Douglas, S.A. (221) 315)

Renal vascular resistance
Doppler shift technique; Kidney (isolated, perfused); Metalloproteases; Phosphoramidon; (Rat) (Salvati, P. (221) 267)

Renin
Cocaine; 5-HT (5-hydroxytryptamine, serotonin); ACTH (adrenocorticotropic hormone); Prolactin; Oxytocin (Levy, A.D. (221) 121)

Seizures
GABA (γ-aminobutyric acid); Bicuculline; Diazepam; Lithium chloride; Pilocarpine (Peterson, C.J. (221) 151)

Senescence
Aging; D-Cycloserine; Glycine; Memory; NMDA receptors; (Mouse) (Flood, J.F. (221) 249)

SL 82.0715
Ethanol; Morphine; Cocaine; Amphetamine; MK-801; Microdialysis; Abstinence syndrome (Rossetti, Z.L. (221) 227)

Smooth muscle
Na^+ pump; Na^+/K^+ pump; Colonic motility; Membrane potential (Barajas-López, C. (221) 51)

Smooth muscle (arteriolar)
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Submucosal plexus (guinea-pig); Adrenoceptors; Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

Smooth muscle cells
Curcumin; Antiproliferative effect; Mononuclear cells (Huang, H.-C. (221) 381)

Smooth muscle (uterus)
Ca^{2+} levels (cytosolic); Ca^{2+} channels; Endothelins; (Rat) (Sakata, K. (221) 9)

Smooth muscle (vascular)
Adenosine receptors; CGS 21680; CGS 22492; Coronary artery (human); Mammary artery (internal) (Makujina, S.R. (221) 243)

1S,3R-trans-ACPD
Metabotropic glutamate receptors; Hippocampal pyramidal cells (Gerber, U. (221) 401)

Striatal slices
Amitriptyline; Na^+ channels; Dopamine; Amino acids; Veratridine (Ishii, Y. (221) 377)

Submucosal plexus (guinea-pig)
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Smooth muscle (arteriolar); Adrenoceptors; Videomicroscopy; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

Supersensitivity
Morphine; Opioid receptor regulation; Naltrexone; d-Amphetamine; Analgesia; Upregulation (Duttaroy, A. (221) 211)

Survival
Poly(rG)·Poly(rC); Poly(rI)·Poly(rC); Interferon inducer; Antitumour activity; Liver colony assay (Jurásková, V. (221) 107)

Tandospirone
Buspirone; Ipsapirone; Azapirones; Chlordiazepoxide; Anxiolytics; Conflict; Punishment; Cork gnawing; (Pigeon); (Rat) (Pollard, G.T. (221) 297)

[^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding
Dihydroergotoxine; GABA (γ-aminobutyric acid) shift; Barbiturate sleeping; Picrotoxin-induced convulsions (Tvrdeić, A. (221) 139)

Tetronothiodin
CCK_B receptor antagonists; GH3 cells; Ca^{2+} (cytosolic); Fura-2; [^{125}I]CCK-8 binding (Kuwahara, T. (221) 99)

β-(2-Thienyl)-GABA
Baclofen; Ileum (guinea-pig, isolated); Neocortical slices (rat); 2-Hydroxysaclofen (Ong, J. (221) 145)

Thoracic aorta
α_1-Adrenoceptors; (Single cell) (Satoh, M. (221) 35)

α-Tocopherol
Baicalein; Ear edema; Free radical; Lipid peroxidation (Hara, H. (221) 193)

Trachea (guinea-pig)
Acetylcholine; Histamine; 5-HT (5-hydroxytryptamine, serotonin); Amiloride; Ouabain; K^+-free solution (Cortijo, J. (221) 43)

Tricyclic antidepressants
5-HT (5-hydroxytryptamine, serotonin); ACTH release; Lithium; Electroconvulsive shock (Gartside, S.E. (221) 27)

Upregulation
Supersensitivity; Morphine; Opioid receptor regulation; Naltrexone; d-Amphetamine; Analgesia (Duttaroy, A. (221) 211)

Vagal stimulation
Neuropeptide Y; D-Myo-inositol-1,2,6-trisphosphate; (Sympathetic) (Potter, E.K. (221) 307)

Vagus nerve
5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptors; Emesis; (Ferret) (Newberry, N.R. (221) 157)

Nedocromil sodium; Cl^- channels; DIDS (4,4′-diisothiocyanostilbene-2,2′-disulphonic acid) (Jackson, D.M. (221) 175)

Nitric oxide (NO); Neurogenic inflammation; NANC nerves; Plasma exudation; Airways (Kuo, H.-P. (221) 385)

Vas deferens (rat)
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Adrenoceptors; Videomicroscopy; (Spontaneous activity) (Bungardt, E. (221) 91)

Vasoconstriction
Neuropeptide Y (NPY); NPY receptor subtypes; Acetylcholine; Endothelium; Vasodilatation (Grundemar, L. (221) 71)

Vasodilatation
Neuropeptide Y (NPY); NPY receptor subtypes; Acetylcholine; Endothelium; Vasoconstriction (Grundemar, L. (221) 71)

Endothelin-1; BQ-123; Endothelin receptor subtypes; Regional haemodynamics; (Anaesthetized rat) (Douglas, S.A. (221) 315)

Vasopressin V_1 receptors
Femoral artery (simian); Vasopressin V_2 receptors; (Cannula insertion method) (Chiba, S. (221) 393)

Vasopressin V_2 receptors
Femoral artery (simian); Vasopressin V_1 receptors; (Cannula insertion method) (Chiba, S. (221) 393)

Veratridine
Amitriptyline; Na^+ channels; Dopamine; Amino acids; Striatal slices (Ishii, Y. (221) 377)

Vesamicol
Phrenic nerve; K^+-stimulated Ca^{2+}-independent efflux of [^{3}H]-acetylcholine; Cholinesterase inhibition; Acetylcholine carrier (Wessler, I. (221) 371)

Videomicroscopy
Histamine receptor subtypes; Histamine receptor agonists (H_1- and H_2-selective); Impromidine; Smooth muscle (arteriolar); Submucosal plexus (guinea-pig); Adrenoceptors; Vas deferens (rat); (Spontaneous activity) (Bungardt, E. (221) 91)

VIP (vasoactive intestinal polypeptide)
Gastric fundus (rat); Nitric oxide (NO); Cholinergic neurotransmission (Lefebvre, R.A. (221) 235)

Wet-dog shakes
4-Aminopyridine; NMDA receptors; Convulsions (Fragoso-Veloz, J. (221) 275)

Withdrawal seizure prone mouse (WSP)
Ethanol withdrawal; Handling-induced convulsions; Abecarnil; Diazepam; Anticonvulsant effects; β-Carbolines; (Genetic animal model) (Crabbe, J.C. (221) 85)

Withdrawal syndrome
Dopamine neurons; Ethanol (Diana, M. (221) 403)